

L Number	Hits	Search Text	DB	Time stamp
23	1	("20040061958").PN.	USPAT; US-PGPUB	2004/06/01 09:48
24	101329	linear\$ near3 (guide\$1 or guiding or move\$1 or moving or drive\$1 or driving)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/06/01 09:49
25	400808	cam	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/06/01 09:49
26	19034	lens adj2 barrel	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/06/01 09:49
27	1369	((linear\$ near3 (guide\$1 or guiding or move\$1 or moving or drive\$1 or driving)) and (lens adj2 barrel))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/06/01 09:49
28	5347	((linear\$ near3 (guide\$1 or guiding or move\$1 or moving or drive\$1 or driving)) same cam	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/06/01 09:49
29	550	((linear\$ near3 (guide\$1 or guiding or move\$1 or moving or drive\$1 or driving)) and (lens adj2 barrel)) and ((linear\$ near3 (guide\$1 or guiding or move\$1 or moving or drive\$1 or driving)) same cam)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/06/01 09:49
30	887311	manual\$ or manual-operat\$3 or manually-operat\$3 or hand-operat\$3 or (hand adj2 operat\$3) or (manual\$3 adj2 operat\$3)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/06/01 09:52
31	23648	((manual\$ or manual-operat\$3 or manually-operat\$3 or hand-operat\$3 or (hand adj2 operat\$3) or (manual\$3 adj2 operat\$3)) near3 (ring or barrel or cylinder or frame or tube)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/06/01 09:52
32	72	(((((linear\$ near3 (guide\$1 or guiding or move\$1 or moving or drive\$1 or driving)) and (lens adj2 barrel)) and ((linear\$ near3 (guide\$1 or guiding or move\$1 or moving or drive\$1 or driving)) same cam)) and ((manual\$ or manual-operat\$3 or manually-operat\$3 or hand-operat\$3 or (hand adj2 operat\$3) or (manual\$3 adj2 operat\$3)) near3 (ring or barrel or cylinder or frame or tube)))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/06/01 09:55
33	23121	((outer or external\$ or exterior or outside) near3 cam	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/06/01 10:10
37	677	(359/699-700,703,704).CCLS.	USPAT; US-PGPUB	2004/06/01 10:14
35	45	(((((linear\$ near3 (guide\$1 or guiding or move\$1 or moving or drive\$1 or driving)) and (lens adj2 barrel)) and ((linear\$ near3 (guide\$1 or guiding or move\$1 or moving or drive\$1 or driving)) same cam)) and ((manual\$ or manual-operat\$3 or manually-operat\$3 or hand-operat\$3 or (hand adj2 operat\$3) or (manual\$3 adj2 operat\$3)) near3 (ring or barrel or cylinder or frame or tube))) and ((outer or external\$ or exterior or outside) near3 cam)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/06/01 10:08

38	25	(((((linear\$ near3 (guide\$1 or guiding or move\$1 or moving or drive\$1 or driving)) and (lens adj2 barrel)) and ((linear\$ near3 (guide\$1 or guiding or move\$1 or moving or drive\$1 or driving)) same cam)) and ((manual\$ or manual-operat\$3 or manually-operat\$3 or hand-operat\$3 or (hand adj2 operat\$3) or (manual\$3 adj2 operat\$3)) near3 (ring or barrel or cylinder or frame or tube))) and ((outer or external\$ or exterior or outside) near3 cam)) not ((359/699-700,703,704).CCLS.)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/06/01 10:08
39	9885	(outer or external\$ or exterior or outside) adj2 cam	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/06/01 10:11
40	213	(lens adj2 barrel) same ((outer or external\$ or exterior or outside) adj2 cam)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/06/01 10:11
41	141	((lens adj2 barrel) same ((outer or external\$ or exterior or outside) adj2 cam)) not (((359/699-700,703,704).CCLS.) or ((((((linear\$ near3 (guide\$1 or guiding or move\$1 or moving or drive\$1 or driving)) and (lens adj2 barrel)) and ((linear\$ near3 (guide\$1 or guiding or move\$1 or moving or drive\$1 or driving)) same cam)) and ((manual\$ or manual-operat\$3 or manually-operat\$3 or hand-operat\$3 or (hand adj2 operat\$3) or (manual\$3 adj2 operat\$3)) near3 (ring or barrel or cylinder or frame or tube))) and ((outer or external\$ or exterior or outside) near3 cam)) not ((359/699-700,703,704).CCLS.)))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/06/01 10:11
42	199	(359/701).CCLS.	USPAT; US-PGPUB	2004/06/01 10:17
44	47	((359/701).CCLS.) not (((359/699-700,703,704).CCLS.) or ((((((linear\$ near3 (guide\$1 or guiding or move\$1 or moving or drive\$1 or driving)) and (lens adj2 barrel)) and ((linear\$ near3 (guide\$1 or guiding or move\$1 or moving or drive\$1 or driving)) same cam)) and ((manual\$ or manual-operat\$3 or manually-operat\$3 or hand-operat\$3 or (hand adj2 operat\$3) or (manual\$3 adj2 operat\$3)) near3 (ring or barrel or cylinder or frame or tube))) and ((outer or external\$ or exterior or outside) near3 cam)) not ((359/699-700,703,704).CCLS.) or (((lens adj2 barrel) same ((outer or external\$ or exterior or outside) adj2 cam)) not (((359/699-700,703,704).CCLS.) or ((((((linear\$ near3 (guide\$1 or guiding or move\$1 or moving or drive\$1 or driving)) and (lens adj2 barrel)) and ((linear\$ near3 (guide\$1 or guiding or move\$1 or moving or drive\$1 or driving)) same cam)) and ((manual\$ or manual-operat\$3 or manually-operat\$3 or hand-operat\$3 or (hand adj2 operat\$3) or (manual\$3 adj2 operat\$3)) near3 (ring or barrel or cylinder or frame or tube))) and ((outer or external\$ or exterior or outside) near3 cam)) not ((359/699-700,703,704).CCLS.)))))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/06/01 10:15
45	333	(359/694).CCLS.	USPAT; US-PGPUB	2004/06/01 10:17

46	206	((359/694).CCLS.) not (((359/699-700,703,704).CCLS.) or (((linear\$ near3 (guide\$1 or guiding or move\$1 or moving or drive\$1 or driving)) and (lens adj2 barrel)) and ((linear\$ near3 (guide\$1 or guiding or move\$1 or moving or drive\$1 or driving)) same cam)) and ((manual\$ or manual-operat\$3 or manually-operat\$3 or hand-operat\$3 or (hand adj2 operat\$3) or (manual\$3 adj2 operat\$3)) near3 (ring or barrel or cylinder or frame or tube))) and ((outer or external\$ or exterior or outside) near3 cam)) not ((359/699-700,703,704).CCLS.) or (((lens adj2 barrel) same ((outer or external\$ or exterior or outside) adj2 cam)) not (((359/699-700,703,704).CCLS.) or (((linear\$ near3 (guide\$1 or guiding or move\$1 or moving or drive\$1 or driving)) and (lens adj2 barrel)) and ((linear\$ near3 (guide\$1 or guiding or move\$1 or moving or drive\$1 or driving)) same cam)) and ((manual\$ or manual-operat\$3 or manually-operat\$3 or hand-operat\$3 or (hand adj2 operat\$3) or (manual\$3 adj2 operat\$3)) near3 (ring or barrel or cylinder or frame or tube))) and ((outer or external\$ or exterior or outside) near3 cam)) not ((359/699-700,703,704).CCLS.)) or (((359/701).CCLS.) not (((359/699-700,703,704).CCLS.) or (((linear\$ near3 (guide\$1 or guiding or move\$1 or moving or drive\$1 or driving)) and (lens adj2 barrel)) and ((linear\$ near3 (guide\$1 or guiding or move\$1 or moving or drive\$1 or driving)) same cam)) and ((manual\$ or manual-operat\$3 or manually-operat\$3 or hand-operat\$3 or (hand adj2 operat\$3) or (manual\$3 adj2 operat\$3)) near3 (ring or barrel or cylinder or frame or tube))) and ((outer or external\$ or exterior or outside) near3 cam)) not ((359/699-700,703,704).CCLS.) or (((lens adj2 barrel) same ((outer or external\$ or exterior or outside) adj2 cam)) not ((359/699-700,703,704).CCLS.) or (((linear\$ near3 (guide\$1 or guiding or move\$1 or moving or drive\$1 or driving)) and (lens adj2 barrel)) and ((linear\$ near3 (guide\$1 or guiding or move\$1 or moving or drive\$1 or driving)) same cam)) and ((manual\$ or manual-operat\$3 or manually-operat\$3 or hand-operat\$3 or (hand adj2 operat\$3) or (manual\$3 adj2 operat\$3)) near3 (ring or barrel or cylinder or frame or tube))) and ((outer or external\$ or exterior or outside) near3 cam)) not ((359/699-700,703,704).CCLS.)))))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/06/01 10:20
47	961	(359/823).CCLS.	USPAT; US-PGPUB	2004/06/01 10:21
48	721	((359/823).CCLS.) not (((359/699-700,703,704).CCLS.) or (((linear\$ near3 (guide\$1 or guiding or move\$1 or moving or drive\$1 or driving)) and (lens adj2 barrel)) and ((linear\$ near3 (guide\$1 or guiding or move\$1 or moving or drive\$1 or driving)) same cam)) and ((manual\$ or manual-operat\$3 or manually-operat\$3 or hand-operat\$3 or (hand adj2 operat\$3) or (manual\$3 adj2 operat\$3)) near3 (ring or barrel or cylinder or frame or tube))) and ((outer or external\$ or exterior or outside) near3 cam)) not ((359/699-700,703,704).CCLS.) or (((lens adj2 barrel) same ((outer or external\$ or exterior or outside) adj2 cam)) not ((359/699-700,703,704).CCLS.) or (((linear\$ near3 (guide\$1 or guiding or move\$1 or moving or drive\$1 or driving)) and (lens adj2 barrel)) and ((linear\$ near3 (guide\$1 or guiding or move\$1 or moving or drive\$1 or driving)) same cam)) and ((manual\$ or manual-operat\$3 or manually-operat\$3 or hand-operat\$3 or (hand adj2 operat\$3) or (manual\$3 adj2 operat\$3)) near3 (ring or barrel or cylinder or frame or tube))) and ((outer or external\$ or exterior or outside) near3 cam)) not ((359/699-700,703,704).CCLS.)) or (((359/701).CCLS.) not (((359/699-700,703,704).CCLS.) or (((linear\$ near3 (guide\$1 or guiding or move\$1 or moving or drive\$1 or driving)) and (lens adj2 barrel)) and ((linear\$ near3 (guide\$1 or guiding or move\$1 or moving or drive\$1 or driving)) same cam)) and ((manual\$ or manual-operat\$3 or manually-operat\$3 or hand-operat\$3 or (hand adj2 operat\$3) or (manual\$3 adj2 operat\$3)) near3 (ring or barrel or cylinder or frame or tube))) and ((outer or external\$ or exterior or outside) near3 cam)) not ((359/699-700,703,704).CCLS.) or (((lens adj2 barrel) same ((outer or external\$ or exterior or outside) adj2 cam)) not ((359/699-700,703,704).CCLS.) or (((linear\$ near3 (guide\$1 or guiding or move\$1 or moving or drive\$1 or driving)) and (lens adj2 barrel)) and ((linear\$ near3 (guide\$1 or guiding or move\$1 or moving or drive\$1 or driving)) same cam)) and ((manual\$ or manual-operat\$3 or manually-operat\$3 or hand-operat\$3 or (hand adj2 operat\$3) or (manual\$3 adj2 operat\$3)) near3 (ring or barrel or cylinder or frame or tube))) and ((outer or external\$ or exterior or outside) near3 cam)) not ((359/699-700,703,704).CCLS.))))) or ((359/694).CCLS.)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/06/01 10:29
49	5347	(linear\$ near3 (guide\$1 or guiding or move\$1 or moving or drive\$1 or driving)) same cam	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/06/01 10:29

50	601	((linear\$ near3 (guide\$1 or guiding or move\$1 or moving or drive\$1 or driving)) same (lens adj2 barrel)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/06/01 10:29
51	320	((linear\$ near3 (guide\$1 or guiding or move\$1 or moving or drive\$1 or driving)) same cam) same ((linear\$ near3 (guide\$1 or guiding or move\$1 or moving or drive\$1 or driving)) same (lens adj2 barrel))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/06/01 10:30
52	101	((linear\$ near3 (guide\$1 or guiding or move\$1 or moving or drive\$1 or driving)) same cam) same ((linear\$ near3 (guide\$1 or guiding or move\$1 or moving or drive\$1 or driving)) same (lens adj2 barrel))) and ((outer or external\$ or exterior or outside) adj2 cam)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/06/01 10:30
53	7	("4707083"   "5376983"   "5666565"   "5668670"   "5805353"   "5907439"   "6373641").PN.	USPAT	2004/06/01 10:31